



# Reference Release Definition for LWM2M\_PortfolioObj

## Candidate Version 1.0 – 06 Sep 2016

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**Open Mobile Alliance**  
OMA-RRELD-LWM2M\_PortfolioObj-V1\_0-20160906-C

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# 1. Scope

The scope of this document is limited to the Reference Release Definition of LWM2M PORTFOLIO OBJECT according to OMA Release process and the Enabler Release specification baseline listed in section 5.

## 2. References

### 2.1 Normative References

- [PORTFOLIO\_TS] “Lightweight M2M – Portfolio Object”, Version 1.0, Open Mobile Alliance, OMA-TS-LWM2M PortfolioObj-V1\_0, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)
- [RFC2119] “Key words for use in RFCs to Indicate Requirement Levels”, S. Bradner, March 1997, [URL:http://www.ietf.org/rfc/rfc2119.txt](http://www.ietf.org/rfc/rfc2119.txt)

### 2.2 Informative References

- [OMADICT] “Dictionary for OMA Specifications”, Version 2.9, Open Mobile Alliance™, OMA-ORG-Dictionary-V2\_9, [URL:http://www.openmobilealliance.org/](http://www.openmobilealliance.org/)

## 3. Terminology and Conventions

### 3.1 Conventions

The key words “MUST”, “MUST NOT”, “REQUIRED”, “SHALL”, “SHALL NOT”, “SHOULD”, “SHOULD NOT”, “RECOMMENDED”, “MAY”, and “OPTIONAL” in this document are to be interpreted as described in [RFC2119].

All sections and appendixes, except “Scope”, “Release Version Overview” and “Conformance Requirements Notation Details”, are normative, unless they are explicitly indicated to be informative.

### 3.2 Definitions

<b>Minimum Functionality Description</b>	Description of the guaranteed features and functionality that will be enabled by implementing the minimum mandatory part of the Enabler Release.
<b>Reference Release</b>	A set of specifications and/or white papers which form a formal deliverable of OMA. The release can be referenced or otherwise used to support implementable enabler releases, but it cannot by itself be implemented in products.

### 3.3 Abbreviations

<b>LWM2M</b>	Lightweight Machine to Machine (refers to this OMA enabler)
<b>OMA</b>	Open Mobile Alliance
<b>OMNA</b>	Open Mobile Naming Authority
<b>RRELD</b>	Reference Release Definition

Kindly consult [OMADICT] for more abbreviations used in this document.

## 4. Release Version Overview

The present Reference Release enables to extend data storage of other LWM2M Object Instances in M2M devices, as well as to provide security services for applications associated with this data extension

### 4.1 Version 1.0 Functionality

V1.0 of the specification covers:

- 1) the capability to extend the data storage of LWM2M Object Instances
- 2) the capability to provide security services for applications associated with the provided data storage extension. These services can be used to authenticate identities and to encrypt data

## 5. Document Listing for LWM2M PORTFOLIO 1.0

This section is normative.

Doc Ref	Permanent Document Reference	Description
<b>Technical Specification</b>		
[PORTFOLIO_TS]	OMA-TS-LWM2M_PortfolioObj-V1_0-20160906-C	Technical Specification for LWM2M PORTFOLIO Object
<b>Supporting File</b>		
[LWM2M_PORTFOLIO_XML]	OMA-SUP-XML_LWM2M_Portfolio-V1_0-20160906-C	XML document for LightweightM2M Portfolio Object Working file in LWM2M_XML directory: File: LWM2M_Portfolio-v1_0.xml Path: <a href="http://www.openmobilealliance.org/tech/profiles">http://www.openmobilealliance.org/tech/profiles</a>

**Table 1: Listing of Documents in LWM2M PORTFOLIO 1.0**



## 6. OMNA Considerations

The present Reference Release consists in a new LWM2M Object. This LWM2M Object will be registered with the OMNA LWM2M Object registry.

## 7. API Considerations

Not Applicable.

## Appendix A. Change History (Informative)

### A.1 Approved Version History

Reference	Date	Description
n/a	n/a	No prior version

### A.2 Draft/Candidate Version 1.0 History

Document Identifier	Date	Sections	Description
Draft Versions OMA-RRELD-LWM2M_PortfolioObj-V1_0	22 Jul 2016	All	First draft
	17 Aug 2016	5	Added the directory details
	26 Aug 2016	5	Updated the document list
Candidate Version OMA-RRELD-LWM2M_PortfolioObj-V1_0	06 Sep 2016	All	Status changed to Candidate by TP TP Ref # OMA-TP-2016-0092R01- INP_LWM2M_PortfolioObj_V1_0_RRP_for_Candidate_approval